BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of Work: Providing Solid Waste Management works in ward no 07

			Estimate Cost:				40.00 Lakhs		
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Supplying ,installation ,Commissioning and Testing CP PLUS 2 MP PTZ, 1/2.8" 2MP Exmor R CMOS Image sensor Max. 50/60fps@1080P, 25/30/50/60fps@720P,Powerful 25x Optical and 16x Digital zoom WDR(120dB), 3D DNR, Day/Night(ICR), BLC, HLC Up to 300 presets, 8 auto scan, 8 tour, 5 pattern, 8 auto pan IR Range of 150 Mtr. , IP66, Support PoE Plus inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	82962.00							
		Nos	1				5.00		
							5.00	82962.00	**414810.00**
2	Supplying ,installation ,Commissioning and Testing CP PLUS 3 MP , 50 meters ip bullet camera,1/3" 3MP PS CMOS Image Sensor,Max 25fps@3MP, 25/30fps@1080P,H.264, H.264H, H.264B , MJPEG dual-codec encoding,DWDR, Day/Night(ICR), 3DNR, ROI, AWB, AGC, BLC, HLC,3.6mm fixed lens (6mm optional),IR Range of 50 Mtrs, IP67, SD Card, PoE,Mobile Software: iCMOB, gCMOB,CMS Software: KVMS Pro, vOptimus Pro inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	23160.00							
		Nos	1				45.00		
							45.00	23160.00	**1042200.00**
3	Supplying ,installation ,Commissioning and Testing CP PLUS 32 Ch. H.265 4K Network Video Recorder Up to 32 channel IP camera input H.265/H.264 dual codec decoding Up to 8Mp resolution preview and playback Max 200Mbps incoming bandwidth Support 4 SATA HDDs up to 24TB, 2 USB(1 USB3.0) HDMI / VGA simultaneous								
	Approved Data Rate	66892.00							
		Nos	1				2.00		
							2.00	66892.00	**133784.00**
4	Supplying, installation ,Commissioning and Testing Netgear ReadyNAS 4-Bay Diskless Network Attached Storage for Personal Cloud by Netgear inclusive of all taxes and transportation charges as per the direction of								
	Approved Data Rate	257420.00							
		Nos	1				1.00		
							1.00	257420.00	**257420.00**
5	Providing and Supplying NAS hard disk drives 6 TB inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	22850.00							
		Nos	1				6.00		
							6.00	22850.00	**137100.00**
7	Supplying, installation, Commissioning and Testing D-Link 8-Port Gigabit Switch With 2 Combo SFP Ports inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	28500.00							
		Nos	1				12.00		
							12.00	28500.00	**342000.00**
8	Providing and Supplying CAT6 OUT Door 305 mtr Cable Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	64250.00							
		Nos	1				2.00		
							2.00	64250.00	**128500.00**
9	Providing and Fixing Media converter Giga Dlink inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	12200.00							
		Nos	1				3.00		
							3.00	12200.00	**36600.00**
10	Providing and Fixing OFC cable single mode 6 core inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	165.00							
		Mtr	1				1960.00		
							1960.00	165.00	**323400.00**
11	Providing Cctv MS poles with camera fixing brackets, 5 to 6 mtr height Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	22500.00							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
		Nos	1				16.00		
							16.00	22500.00	
12	Providing and Fixing MS Boxes for Poles with rust proof powder coating Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	9500.00							
		Nos	1				13.00		
							13.00	9500.00	
13	Providing and Fixing Electrical work for boxes for power supply, fixing PVC Boards with three pin socktes and switches with protection MCB and cabling to street light electrical poles as per the direction of Engineer in Charge								
	Approved Data Rate	8500.00							
		Nos	1				15.00		
							15.00	8500.00	
14	Providing Internet charges connecting CCTV with IP Based for one month								
	Approved Data Rate	3500.00							
		Nos	1				12.00		
							12.00	3500.00	
16	Providing and Fixing SFP-LX-SM GIGA MODULE Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	6500.00							
		Nos	1				24.00		
							24.00	6500.00	
17	Providing and Fixing Fibre Optic PATCH Chords Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	2200.00							
		Nos	1				20.00		
							20.00	2200.00	
19	Erecting of pole .The pole shall be erected n cement concrete work(1:2:4) including earthwork excavation and refilling of planting depth of the pole to the ground level and the copping CC shall be upto 0.6m above ground level as per IS 2713-7.1 Erection of lightduty pole on footpath a) 7.5m as per IS 410 Sp 5 charges as per the								
	Approved Data Rate	6400.00							
		Nos	1				10.00		
							10.00	6400.00	
20	Providing and Fixing HDMI Cables 10 Mtrs inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	6500.00							
		Nos	1				2.00		
							2.00	6500.00	
22	Supplying ,installation ,Commissioning and Testing of 43" LED TV – Reputed make Sony/Samsung/LG inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	45000.00							
		Nos	1				2.00		
							2.00	45000.00	
23	Supplying ,installation ,Commissioning and Testing Patch cords CAT6 2 Mtr Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	1200.00							
		Nos	1				8.00		
							8.00	1200.00	
	Total								
	(3)% KRIDL Charges								
	Sub Total								
	Miscellaneous								
								Total	

Certificate:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per Approved Rates.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

AE(NS7)

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount

Assistant Engineer

Assistant Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Executive Engineer
Yelahanka Project Division

Executive Engineer 7/12/18
Project Division
Yelahanka Zone
BBMP, Bangalore-92

Administrative Approval

Accorded For RS to Varcheauly
Head of A/C...P3298.....
CER NO :AS/18-19/... Dt:..07.12.18

TA CE (YNK)

Technical Sanction

Accorded For RS to Varcheauly
Head of A/C..P3298.....
CER NO :AS/18-19 Dt:07.12.18

TA CE (YNK)